

Appl. No. : 09/489,588  
Filed : January 21, 2000

### AMENDMENTS TO THE SPECIFICATION

Please insert the following new paragraph at page 10, before line 10:

D3  
FIG. 1D depicts an enzyme layer including a resistance layer, an enzyme layer, an interference layer, and an electrolyte layer (layers not to scale).

Please amend the paragraph beginning at page 20, line 20, as follows:

H9/1  
The present invention contemplates membranes impregnated with enzyme. It is not intended that the present invention be limited by the nature of the enzyme membrane. The enzyme membrane of a preferred embodiment is depicted in FIG. 1C as being a single, homogeneous structure. However, in preferred embodiments, the enzyme membrane comprises a plurality of distinct layers. In a particularly preferred embodiment, as depicted in FIG. 1D, the enzyme membrane comprises the following four layers (in succession from the bioprotective membrane to the electrolyte phase): i) a resistance layer 40; ii) an enzyme layer 42; iii) an interference layer 44; and iv) an electrolyte layer 46.